Carmen Amaro

List of Publications by Year in descending order

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81839 143943 4,312 118 39 57 citations h-index g-index papers 121 121 121 2013 docs citations times ranked citing authors all docs

#	Article	IF	CITATIONS
1	A Method of Transposon Insertion Sequencing in Comprehensively Identifying Vibrio vulnificus Genes Required for Growth in Human Serum. Methods in Molecular Biology, 2022, 2377, 159-178.	0.4	1
2	A Transcriptomic Study Reveals That Fish Vibriosis Due to the Zoonotic Pathogen Vibrio vulnificus Is an Acute Inflammatory Disease in Which Erythrocytes May Play an Important Role. Frontiers in Microbiology, 2022, 13, 852677.	1.5	1
3	A multiplex PCR for the detection of Vibrio vulnificus hazardous to human and/or animal health from seafood. International Journal of Food Microbiology, 2022, 377, 109778.	2.1	6
4	Method for Specific Identification of the Emerging Zoonotic Pathogen Vibrio vulnificus Lineage 3 (Formerly Biotype 3). Journal of Clinical Microbiology, 2021, 59, .	1.8	1
5	Draft Genome Sequences of Vibrio vulnificus Strains Recovered from Moribund Tilapia. Microbiology Resource Announcements, 2021, 10, e0009421.	0.3	4
6	The widespread presence of a family of fish virulence plasmids in <i>Vibrio vulnificus</i> stresses its relevance as a zoonotic pathogen linked to fish farms. Emerging Microbes and Infections, 2021, 10, 2128-2140.	3.0	12
7	Phylogeny and life cycle of the zoonotic pathogen <i>Vibrio vulnificus</i> Microbiology, 2020, 22, 4133-4148.	1.8	19
8	The Effect of the Environmental Temperature on the Adaptation to Host in the Zoonotic Pathogen Vibrio vulnificus. Frontiers in Microbiology, 2020, 11, 489.	1.5	22
9	Vibriosis, 2020, , 182-210.		10
10	Adaptation to host in <i>Vibrio vulnificus</i> , a zoonotic pathogen that causes septicemia in fish and humans. Environmental Microbiology, 2019, 21, 3118-3139.	1.8	29
11	<i>ln vitro</i> study of antimicrobial activity on <i>Klebsiella Pneumoniae</i> biofilms in endotracheal tubes. Journal of Chemotherapy, 2019, 31, 202-208.	0.7	4
12	Potentially humanâ€virulentVibrio vulnificusisolates from diseased great pompano (Trachinotus) Tj ETQq0 0 0 rg	gBT ₁ /9verlc	ock ₃ 10 Tf 50 3
13	Comprehensive identification of <i>Vibrio vulnificus</i> genes required for growth in human serum. Virulence, 2018, 9, 981-993.	1.8	14
14	High genetic diversity ofVibrio choleraein the European lake Neusiedler See is associated with intensive recombination in the reed habitat and the longâ€distance transfer of strains. Environmental Microbiology, 2017, 19, 328-344.	1.8	41
15	MARTX Toxin in the Zoonotic Serovar of Vibrio vulnificus Triggers an Early Cytokine Storm in Mice. Frontiers in Cellular and Infection Microbiology, 2017, 7, 332.	1.8	29
16	Wild eel microbiome reveals that skin mucus of fish could be a natural niche for aquatic mucosal pathogen evolution. Microbiome, 2017, 5, 162.	4.9	52
17	Phylogeny of Vibrio vulnificus from the Analysis of the Core-Genome: Implications for Intra-Species Taxonomy. Frontiers in Microbiology, 2017, 8, 2613.	1.5	50
18	Iron and Fur in the life cycle of the zoonotic pathogen <i>Vibrio vulnificus</i> Environmental Microbiology, 2016, 18, 4005-4022.	1.8	49

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19	The Fish Pathogen <i>Vibrio vulnificus</i> Biotype 2: Epidemiology, Phylogeny, and Virulence Factors Involved in Warm-Water Vibriosis. Microbiology Spectrum, 2015, 3, .	1.2	62
20	Novel hostâ€specific iron acquisition system in the zoonotic pathogen <scp><i>V</i></scp> <i>ibrio vulnificusEnvironmental Microbiology, 2015, 17, 2076-2089.</i>	1.8	35
21	The emergence of Vibrio pathogens in Europe: ecology, evolution, and pathogenesis (Paris, 11–12th) Tj ETQq1	1 0.78431 1.5	4 rgBT /Ove
22	An Enriched European Eel Transcriptome Sheds Light upon Host-Pathogen Interactions with Vibrio vulnificus. PLoS ONE, 2015, 10, e0133328.	1.1	10
23	Early steps in the European eel (Anguilla anguilla)–Vibrio vulnificus interaction in the gills: Role of the RtxA13 toxin. Fish and Shellfish Immunology, 2015, 43, 502-509.	1.6	26
24	Replicating phages in the epidermal mucosa of the eel (Anguilla anguilla). Frontiers in Microbiology, 2015, 6, 3.	1.5	7
25	Host–pathogen interactions in <i>Vibrio vulnificus</i> : responses of monocytes and vascular endothelial cells to live bacteria. Future Microbiology, 2015, 10, 471-487.	1.0	13
26	Draft Genome Sequence of Environmental Bacterium Vibrio vulnificus CladeA-yb158. Genome Announcements, 2015, 3, .	0.8	15
27	Impact of analytic provenance in genome analysis. BMC Genomics, 2014, 15, S1.	1.2	13
28	Metagenomics of the Mucosal Microbiota of European Eels. Genome Announcements, 2014, 2, .	0.8	15
29	Host-Nonspecific Iron Acquisition Systems and Virulence in the Zoonotic Serovar of Vibrio vulnificus. Infection and Immunity, 2014, 82, 731-744.	1.0	17
30	Genome-Wide SNP-Genotyping Array to Study the Evolution of the Human Pathogen Vibrio vulnificus Biotype 3. PLoS ONE, 2014, 9, e114576.	1.1	22
31	<pre><scp>MARTX</scp> of <i><scp>V</scp>ibrio vulnificus</i> biotype 2 is a virulence and survival factor. Environmental Microbiology, 2013, 15, 419-432.</pre>	1.8	65
32	Characterization of PAMP/PRR interactions in European eel (AnguillaÂanguilla) macrophage-like primary cell cultures. Fish and Shellfish Immunology, 2013, 35, 1216-1223.	1.6	35
33	pilF polymorphism-based real-time PCR to distinguish Vibrio vulnificus strains of human health relevance. Food Microbiology, 2012, 30, 17-23.	2.1	26
34	Serum antibodies to Vibrio vulnificus biotype 3 lipopolysaccharide and susceptibility to disease caused by the homologous V. vulnificus biotype. Epidemiology and Infection, 2011, 139, 472-481.	1.0	4
35	Polyphyletic Origin of <i>Vibrio vulnificus</i> Biotype 2 as Revealed by Sequence-Based Analysis. Applied and Environmental Microbiology, 2011, 77, 688-695.	1.4	40
36	Domain Organization and Evolution of Multifunctional Autoprocessing Repeats-in-Toxin (MARTX) Toxin in <i>Vibrio vulnificus</i> . Applied and Environmental Microbiology, 2011, 77, 657-668.	1.4	67

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37	A comparative epizootiologic study of the two fishâ€pathogenic serovars of ⟨i⟩Vibrio vulnificus⟨ i⟩ biotype 2. Journal of Fish Diseases, 2010, 33, 383-390.	0.9	24
38	<i>pilF</i> Polymorphism-Based PCR To Distinguish <i>Vibrio vulnificus</i> Strains Potentially Dangerous to Public Health. Applied and Environmental Microbiology, 2010, 76, 1328-1333.	1.4	47
39	Spontaneous Quinolone Resistance in the Zoonotic Serovar of <i>Vibrio vulnificus</i> Applied and Environmental Microbiology, 2009, 75, 2577-2580.	1.4	15
40	Plasmid diversity in Vibrio vulnificus biotypes. Microbiology (United Kingdom), 2009, 155, 489-497.	0.7	35
41	Evaluation of Genotypic and Phenotypic Methods To Distinguish Clinical from Environmental <i>Vibrio vulnificus</i> Strains. Applied and Environmental Microbiology, 2009, 75, 1604-1613.	1.4	58
42	Vibrio vulnificus produces quorum sensing signals of the AHL-class. FEMS Microbiology Ecology, 2009, 69, 16-26.	1.3	27
43	Role of the metalloprotease Vvp and the virulence plasmid pR99 of Vibrio vulnificus serovar E in surface colonization and fish virulence. Environmental Microbiology, 2008, 10, 328-338.	1.8	27
44	Microbial and histopathological study of the vibriosis caused by Vibrio vulnificus serovar E in eels: The metalloprotease Vvp is not an essential lesional factor. Microbial Pathogenesis, 2008, 45, 386-393.	1.3	24
45	Role of the virulence plasmid pR99 and the metalloprotease Vvp in resistance of Vibrio vulnificus serovar E to eel innate immunity. Fish and Shellfish Immunology, 2008, 24, 134-141.	1.6	24
46	A Common Virulence Plasmid in Biotype 2 <i>Vibrio vulnificus</i> and Its Dissemination Aided by a Conjugal Plasmid. Journal of Bacteriology, 2008, 190, 1638-1648.	1.0	70
47	<i>Vibrio vulnificus</i> Biotype 2 Serovar E <i>gne</i> but Not <i>galE</i> Is Essential for Lipopolysaccharide Biosynthesis and Virulence. Infection and Immunity, 2008, 76, 1628-1638.	1.0	21
48	Multiplex PCR Assay for Detection of Vibrio vulnificus Biotype 2 and Simultaneous Discrimination of Serovar E Strains. Applied and Environmental Microbiology, 2007, 73, 2029-2032.	1.4	28
49	Phenotypic and genotypic characterization of a new fish-virulent Vibrio vulnificus serovar that lacks potential to infect humans. Microbiology (United Kingdom), 2007, 153, 1926-1934.	0.7	33
50	Serological and molecular characteristics of Vibrio vulnificus biotype 3: evidence for high clonality. Microbiology (United Kingdom), 2007, 153, 847-856.	0.7	32
51	A method to diagnose the carrier state of Vibrio vulnificus serovar E in eels: Development and field studies. Aquaculture, 2006, 258, 173-179.	1.7	10
52	Isolation of a hemin and hemoglobin binding outer membrane protein of Vibrio vulnificus biotype 2 (serogroup E). FEMS Microbiology Letters, 2006, 156, 187-191.	0.7	10
53	Vibrio vulnificus serovar A: an emerging pathogen in European anguilliculture. Journal of Fish Diseases, 2006, 29, 285-291.	0.9	56
54	First description of non-motile Yersinia ruckeri serovar I strains causing disease in rainbow trout, Oncorhynchus mykiss (Walbaum), cultured in Spain. Journal of Fish Diseases, 2006, 29, 339-346.	0.9	73

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55	Identification of DNA Sequences Specific for Vibrio vulnificus Biotype 2 Strains by Suppression Subtractive Hybridization. Applied and Environmental Microbiology, 2005, 71, 5593-5597.	1.4	19
56	The Cytotoxinâ€Hemolysin Genes of Human and Eel Pathogenic <i>Vibrio vulnificus</i> Strains: Comparison of Nucleotide Sequences and Application to the Genetic Grouping. Microbiology and Immunology, 2005, 49, 513-519.	0.7	35
57	Protocol for Specific Isolation of Virulent Strains of Vibrio vulnificus Serovar E (Biotype 2) from Environmental Samples. Applied and Environmental Microbiology, 2004, 70, 7024-7032.	1.4	37
58	Influence of aquatic microbiota on the survival in water of the human and eel pathogen Vibrio vulnificus serovar E. Environmental Microbiology, 2004, 6, 364-376.	1.8	12
59	Immunogenic antigens of the eel pathogen Vibrio vulnificus serovar E. Fish and Shellfish Immunology, 2004, 17, 277-291.	1.6	19
60	Efficacy of oral reimmunisation after immersion vaccination against Vibrio vulnificus in farmed European eels. Aquaculture, 2004, 231, 9-22.	1.7	20
61	Vaccination of market-size eels against vibriosis due to Vibrio vulnificus serovar E. Aquaculture, 2004, 241, 9-19.	1.7	5
62	Efficacy of a bivalent vaccine against eel diseases caused by Vibrio vulnificus after its administration by four different routes. Fish and Shellfish Immunology, 2004, 16, 93-105.	1.6	49
63	Isolation of a new serovar of Vibrio vulnificus pathogenic for eels cultured in freshwater farms. Aquaculture, 2003, 217, 677-682.	1.7	63
64	The kinetics of antibody production in mucus and serum of European eel (Anguilla anguilla L.) after vaccination against Vibrio vulnificus: development of a new method for antibody quantification in skin mucus. Fish and Shellfish Immunology, 2003, 15, 51-61.	1.6	55
65	Susceptibility of Nile tilapia (Oreochromis niloticus) to vibriosis due to Vibrio vulnificus biotype 2 (serovar E). Aquaculture, 2002, 212, 21-30.	1.7	30
66	Transmission to Eels, Portals of Entry, and Putative Reservoirs of Vibrio vulnificus Serovar E (Biotype) Tj ETQq0 0	0 rgBT /O	verlock 10 Tf
67	Field testing of a vaccine against eel diseases caused by Vibrio vulnificus. Diseases of Aquatic Organisms, 2001, 45, 183-189.	0.5	42
68	Vibrio harveyi causes disease in seahorse, Hippocampus sp., Journal of Fish Diseases, 2001, 24, 311-313.	0.9	80
69	Evidence that water transmits the disease caused by the fish pathogen Photobacterium damselae subsp. damselae. Journal of Applied Microbiology, 2000, 88, 531-535.	1.4	90
70	An indirect immunofluorescent antibody technique for detection and enumeration of Vibrio vulnificus serovar E (biotype 2): delevopment and applications. Journal of Applied Microbiology, 2000, 89, 599-606.	1.4	15
71	Effectiveness of different vaccine formulations against vibriosis caused by Vibrio vulnificus serovar E (biotype 2) in European eels Anguilla anguilla. Diseases of Aquatic Organisms, 2000, 43, 91-101.	0.5	60
72	Ferric-reductase activities in Vibrio vulnificus biotypes 1 and 2. FEMS Microbiology Letters, 1999, 172, 205-211.	0.7	10

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73	Isolation and characterization of Vibrio parahaemolyticus causing infection in Iberian toothcarp Aphanius iberus. Diseases of Aquatic Organisms, 1999, 35, 77-80.	0.5	47
74	Ferric-reductase activities in Vibrio vulnificus biotypes 1 and 2. FEMS Microbiology Letters, 1999, 172, 205-211.	0.7	1
75	Comparative Study of Biological Properties and Electrophoretic Characteristics of Lipopolysaccharide from Eel-Virulent and Eel-A virulent <i>Vibrio vulnificus</i> Strains. Applied and Environmental Microbiology, 1999, 65, 856-858.	1.4	10
76	Effects of Salinity and Temperature on Long-Term Survival of the Eel Pathogen Vibrio vulnificus Biotype 2 (Serovar E). Applied and Environmental Microbiology, 1999, 65, 1117-1126.	1.4	62
77	Isolation of <i>Vibrio vulnificus </i> Serovar E from Aquatic Habitats in Taiwan. Applied and Environmental Microbiology, 1999, 65, 1352-1355.	1.4	25
78	Survival of fish-virulent strains of Photobacterium damselaesubsp.damselaein seawater under starvation conditions. FEMS Microbiology Letters, 1998, 168, 181-186.	0.7	45
79	High affinity iron-uptake systems in Vibrio damsela: role in the acquisition of iron from transferrin. Journal of Applied Microbiology, 1997, 82, 157-167.	1.4	21
80	High affinity iron-uptake systems in Vibrio damsela: role in the acquisition of iron from transferrin. Journal of Applied Microbiology, 1997, 82, 157-167.	1.4	27
81	An enzyme-linked immunosorbent assay for detection of Vibrio vulnificus biotype 2: development and field studies. Applied and Environmental Microbiology, 1997, 63, 537-542.	1.4	19
82	Phenotypic and genotypic characterization of Vibrio vulnificus: proposal for the substitution of the subspecific taxon biotype for serovar. Applied and Environmental Microbiology, 1997, 63, 1460-1466.	1.4	106
83	The lipopolysaccharide O side chain of Vibrio vulnificus serogroup E is a virulence determinant for eels. Infection and Immunity, 1997, 65, 2475-2479.	1.0	65
84	Effect of low temperature on starvation-survival of the eel pathogen Vibrio vulnificus biotype 2. Applied and Environmental Microbiology, 1996, 62, 450-455.	1.4	59
85	Phenotypic characterization of Vibrio vulnificus biotype 2, a lipopolysaccharide-based homogeneous O serogroup within Vibrio vulnificus. Applied and Environmental Microbiology, 1996, 62, 918-927.	1.4	108
86	Siderophore-mediated iron acquisition mechanisms in Vibrio vulnificus biotype 2. Applied and Environmental Microbiology, 1996, 62, 928-935.	1.4	42
87	Vibrio vulnificus biotype 2, pathogenic for eels, is also an opportunistic pathogen for humans. Applied and Environmental Microbiology, 1996, 62, 1454-1457.	1.4	185
88	Toxic and enzymatic activities of Vibrio vulnificus biotype 2 with respect to host specificity. Applied and Environmental Microbiology, 1996, 62, 2331-2337.	1.4	72
89	Utilization of hemin and hemoglobin by Vibrio vulnificus biotype 2. Applied and Environmental Microbiology, 1996, 62, 2806-2810.	1.4	31
90	Pathogenicity of live bacteria and extracellular products of motile <i>Aeromonas</i> isolated from eels. Journal of Applied Bacteriology, 1995, 78, 555-562.	1.1	34

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91	Biochemical and toxigenic properties of Vibrio furnissii isolated from a European eel farm. Aquaculture, 1995, 132, 81-90.	1.7	15
92	Evidence that water transmits Vibrio vulnificus biotype 2 infections to eels. Applied and Environmental Microbiology, 1995, 61, 1133-1137.	1.4	133
93	O-Serogrouping and surface components of Aeromonas hydrophilaand Aeromonas jandaeipathogenic for eels. FEMS Microbiology Letters, 1994, 117, 85-90.	0.7	39
94	Role of iron in the pathogenicity of Vibrio damselafor fish and mammals. FEMS Microbiology Letters, 1994, 121, 181-188.	0.7	53
95	Role of iron in the pathogenicity of Vibrio damsela for fish and mammals. FEMS Microbiology Letters, 1994, 121, 181-188.	0.7	2
96	Role of iron, capsule, and toxins in the pathogenicity of Vibrio vulnificus biotype 2 for mice. Infection and Immunity, 1994, 62, 759-763.	1.0	102
97	Evaluation of the API 20E system for identification and discrimination of Vibrio vulnificus biotypes 1 and 2. Journal of Fish Diseases, 1993, 16, 79-82.	0.9	36
98	Comparison of outer membrane protein profiles of Vibrio vulnificus biotypes 1 and 2. FEMS Microbiology Letters, 1993, 107, 217-222.	0.7	45
99	Toxicity of the extracellular products of Vibrio damsela isolated from diseased fish. Current Microbiology, 1993, 27, 341-347.	1.0	48
100	Comparison of outer membrane protein profiles of Vibrio vulnificus biotypes 1 and 2. FEMS Microbiology Letters, 1993, 107, 217-222.	0.7	2
101	Presence of a capsule in Vibrio vulnificus biotype 2 and its relationship to virulence for eels. Infection and Immunity, 1993, 61, 1611-1618.	1.0	78
102	Virulence of Aeromonas hydrophita and some other bacteria isolated from European eels Anguilla anguilla reared in fresh water. Diseases of Aquatic Organisms, 1993, 16, 15-20.	0.5	65
103	Electrophoretic analysis of heterogeneous lipopolysaccharides from various strains of Vibrio vulnificus biotypes 1 and 2 by silver staining and immunoblotting. Current Microbiology, 1992, 25, 99-104.	1.0	83
104	Comparative study of phenotypic and virulence properties in Vibrio vulnificus biotypes 1 and 2 obtained from a European eel farm experiencing mortalities. Diseases of Aquatic Organisms, 1992, 13, 29-35.	0.5	78
105	Physico-Chemical and Bacteriological Parameters in a Hypereutrophic Lagoon (Albufera Lake, Valencia,) Tj ETQq1	1 8.78431	4 ₆ rgBT /Ove
106	First record of Vibrio vulnificus biotype 2 from diseased European eel, Anguilla anguilla L Journal of Fish Diseases, 1991, 14, 103-109.	0.9	93
107	Siderophores and related outer membrane proteins in Vibrio spp. which are potential pathogens of fish and shellfish. Journal of Fish Diseases, 1991, 14, 249-263.	0.9	14
108	Siderophore production in Aeromona spp. Isolated from European eel, Anguilla anfuilla L Journal of Fish Diseases, 1991, 14, 423-427.	0.9	3

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109	Surface and virulence properties of environmental Vibrio cholerae non-O1 from Albufera Lake (Valencia, Spain). Applied and Environmental Microbiology, 1990, 56, 1140-1147.	1.4	18
110	Iron-binding compounds and related outer membrane proteins in Vibrio cholerae non-O1 strains from aquatic environments. Applied and Environmental Microbiology, 1990, 56, 2410-2416.	1.4	30
111	Siderophore production by environmental strains of Salmonellaspecies. FEMS Microbiology Letters, 1989, 57, 7-12.	0.7	18
112	Siderophore production by environmental strains of Salmonella species. FEMS Microbiology Letters, 1989, 48, 7-12.	0.7	9
113	Cell envelope proteins of environmental Vibrio cholerae non O1 isolates from Albufera Lake (Valencia,) Tj ETQq1 1 International Journal of Hygiene and Environmental Medicine, 1989, 189, 164-74.	0.784314 0.1	4 rgBT /Ovei 1
114	Characterization of R-plasmids in environmental isolates of salmonella: Host range and stability. Current Microbiology, 1988, 17, 173-177.	1.0	2
115	R plasmids in environmental Vibrio cholerae non-O1 strains. Applied and Environmental Microbiology, 1988, 54, 2771-2776.	1.4	26
116	Incidence of Vibrio cholerae and related vibrios in a coastal lagoon and seawater influenced by lake discharges along an annual cycle. Applied and Environmental Microbiology, 1985, 50, 426-430.	1.4	41
117	<i>Vibrio Species (i)., 0, , 347-388.</i>		19
118	Survival of fish-virulent strains of Photobacterium damselae subsp. damselae in seawater under starvation conditions. , 0, .		5